

South African
Pharmacology
Society



Suid-Afrikaanse
Farmakologie
Vereniging

37th SOUTH AFRICAN PHARMACOLOGY CONGRESS

15-17 September 2003

P R O G R A M M E

General and Clinical Pharmacology

Anti-HIV Therapy

Drug Delivery

Teaching of Pharmacology

Monday 15 September 2003

7:30-8:30	Registration
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8:30-8:45	Opening address: Dr Paul Vanhoutte
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Plenary Session I: Room 102	
Chair: Prof DW Oliver	
8:45-9:30	Dr Paul Vanhoutte From the genome back to people
9:30-10:15	Dr Catherine Orrell New drugs in the management of HIV

10:15-10:45	Tea and coffee
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10:45-11:15	Poster session I (P1-P11)
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Plenary Session II: Room 102	
Chair: Dr CP Kahler	
11:15-11:30	Nyazema NZ , Ncube R and Sibanda E ART and apparent metabolic disorders in HIV positive patients: Towards rational use of anti-retroviral agents in a resource poor setting.
11:30-11:45	Mugabo P , Cassim H, Dlamini S, Lakey R, Lesaoana K, Morar H, Pathan S and Burger AP Effects of Leonotis Leonurus in the normotensive rat.
11:45-12:00	Katende-Kyenda NL , Lubbe MS, Serfontein JH and Truter I Are antimicrobials appropriately used in private primary health care settings in South Africa?
12:00-12:15	Van Rensburg CEJ , Jooné G and Cromarty AD An <i>in vitro</i> and <i>in vivo</i> investigation of the anti-inflammatory properties of coal derived humates.
12:15-12:30	Naciti C , Harvey BH, Brand L and Stein J Serotonin and stress: Protective or malevolent actions in the bio-behavioral response to repeated stress?

12:30-13:30	Lunch
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Young Scientist Competition:	
Chair: Prof WJ du Plooy	
13:30-13:45	Bouwer M The pharmacokinetic interaction between cyclosporin and methoxsalen.
13:45-14:00	Chetty R and Gray AL Auditing prescribing practices in the elderly.
14:00-14:15	Gengiah T , Botha J, Gray A and Muckart D Continuous furosemide infusion in oliguric acute renal failure (ARF).
14:15-14:30	Lotriet CJ , Oliver DW and Venter DP Effects of ozone on respiratory health.

14:30-15:00	Tea and coffee
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Young Scientist Competition continued	
Chair: Prof WJ du Plooy	
15:00-15:15	Mgwabi MMN , Goosen TC and Harvey BH Development and application of an HPLC analytical method for assessing genetic CYP2D6 and CYP3A4 enzyme polymorphisms.
15:15-15:30	De Kock SE , Brink CB and Harvey BH The antidepressant fluoxetine and <i>myo</i> -inositol inhibit 5-HT _{2A} receptor signalling through G _q , whereas imipramine sensitises signalling.
15:30-15:45	Kahler CP, Yengkopiong PJ and Du Plooy WJ Effect of <i>Lippia Javanica</i> on ATP Extraction and Superoxide production.
15:45-16:30	Presentation: Alaris Medical Systems
18:00-22:00	Cocktail: Winery (Main Building)

Tuesday 16 September 2003

7:30-8:00	Registration
Plenary Session III: Room 102	
Chair: Prof I Truter	
8:00-8:45	Dr Paul Vanhoutte Endothelial function and dysfunction
8:45-9:00	Brink CB , Bodenstein J and Venter DP Benextramine is an irreversible, non-specific inhibitor of several G-protein-coupled receptors that signal through G _i , G _s and G _q .
9:00-9:15	Turánek J , Ledvina M, Kašná A, et al. Biological Activities of new Muramylglycopeptide entrapped in liposomes.
9:15-9:30	Osuch E and Du Plooy WJ Arterial elasticity and sympatho-vagal function in controlled and uncontrolled diabetic patients.
9:30-9:45	Graz M and Milne PJ The Antimicrobial Activity of Selected 2,5 Dioxypiperazines.
9:45-10:00	Cromarty AD and Van Rensburg CEJ A study to determine the iodide-123 labelled humic acid distribution in the baboon model.

10:00-10:30	Tea and coffee
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Plenary Session IV: Room 102	
Chair: Prof P van der Bijl	
10:30-11:15	Prof Dr Hans Junginger Drug Delivery - Current and Future Issues
11:15-11:30	Van der Bijl P , Van Eyk AD and Seifart HI Diffusion of Diclofenac and Piroxicam from Commercially available Gels through Human Skin.

11:30-11:45	Van Eyk AD and Van der Bijl P Comparative permeabilities of human and porcine mucosae.
11:45-12:00	Seifart HI , Van Eyk AD and Van der Bijl P HPLC methodology and validation for the determination of Diclofenac and Piroxicam.
12:00-12:30	Poster session II (P12-P23)

12:30-13:30	Lunch
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Plenary Session V: Room 102	
Chair: Prof DP Venter	
13:30-14:15	Prof Dr Hans Junginger Chitosan and Derivatives in Peptide, Vaccine and Gene Delivery.
14:15-14:30	Oliver DW and Dormehl IC SPECT Cerebral Perfusion Non-Human Primate Model for Assessing Pharmacological Interventions.
14:30-14:45	Turánek J , Kašná A, Neča J, et al. <i>In Vitro</i> Cytotoxicity of the New Anticancer Platinum(IV) Complex Against the Panel of Cisplatin Resistant Cancer Cell Lines.
14:45-15:00	Njagi A , Mugabo P, Burger AP, Green IR and Dietrich DLL Effect of 20% ethyl acetate: hexane extract of <i>Crinum macowanii</i> on the isolated perfused rat heart.

15:00-15:45	Presentation: Lasec
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15:45-16:15	Tea and coffee
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16:00-17:00	AGM in Room 102
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18:30	Bus departs from Bellvista Lodge to Banquet
19:00	Banquet: Bloemendal Restaurant

Wednesday 17 September 2003

7:30-8:00	Registration
Plenary Session VI: Room 102	
Chair: Dr JM van Zyl	
8:00-8:45	Prof Ian Hughes Computer aided learning in pharmacology
8:45-9:30	Dr Catherine Orrell Operational issues in community-ARV delivery
9:30-10:00	Tea and coffee

Plenary Session VII: Room 102	
Chair: Dr CB Brink	
10:00-10:45	Presentation: Alaris Medical Systems
10:45-11:30	Prof Ian Hughes 2020 vision – teaching pharmacology in 2020
11:30-11:45	Meissner O The traditional healer as part of the primary health care team.
11:45-12:00	Mugabo P Pilot study of pharmacology teaching in African schools of medicine, pharmacy, dentistry and nursing.
12:00-12:15	Serafin AM and Böhm L The influence of p53 and bcl-2 on chemosensitivity in benign and malignant prostate cell lines.
12:15-12:30	Weber B, Serafin AM, Michie J, Van Rensburg CEJ, Swart J and Böhm L Cytotoxicity and cell death pathways invoked by a novel ferrocene and a Rhodium ferrocene complex in benign and malignant prostate cell lines.
12:30-12:45	Kwizera EN and Aguirre JH Student academic achievement in Pharmacology: comparison between a 'traditional' and a problem-based curriculum at the University of Transkei, South Africa.
12:45-14:30	Lunch
14:00	Departure